

LISTING OF CLAIMS:

1. to 23. (Canceled)

24. (Previously presented) A host computer that communicates with a plurality of printing apparatuses via a network, said host computer comprising:

a reference unit adapted to refer to font registration information that includes information specifying at least one font registered in each of the plurality of printing apparatuses;

a font registration unit adapted to download font data by a font name unit to any one of the plurality of printing apparatuses for registration;

a management unit adapted to retain the font registration information irrespective of a timing for executing a printing process, indicating the font name unit font data downloaded to each of the plurality of printing apparatuses by said font registration unit;

a selection unit adapted to select a deletion combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to by said reference unit;

an instruction unit adapted to issue a delete instruction to any one of the plurality of printing apparatuses to delete the font name unit font data; and

a second selection unit adapted to select a download combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to by said reference unit, wherein said font registration unit issues a

download instruction to any one of the plurality of printing apparatuses to download the font name unit font data in accordance with the selected download combination.

25. (Canceled)

26. (Previously presented) A host computer according to Claim 24, further comprising a second selection unit adapted to select a download combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to by said reference unit, wherein said font registration unit issues a download instruction to any one of the plurality of printing apparatuses to download the font name unit font data in accordance with the selected download combination.

27. to 29. (Canceled)

30. (Previously presented) A host computer according to Claim 24, wherein the font registration information includes information that indicates a printer name and a font name.

31. (Previously presented) A host computer that communicates with a management apparatus, which manages fonts, and a plurality of printing apparatuses via a network, said host computer comprising:

a reference unit adapted to refer to font registration information that includes information specifying at least one font registered in each of the plurality of printing apparatuses, wherein the font registration information is retained in the management apparatus;

a font registration unit adapted to download font data by a font name unit to an, one of the plurality of printing apparatuses for registration;

a transmission unit adapted to transmit registration information, indicating the font name unit font data downloaded to each of the plurality of printing apparatuses by said font registration unit, to the management apparatus so as to update the font registration information retained, irrespective of a timing for executing a printing process, in the management apparatus;

a selection unit adapted to select a deletion combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to by said reference unit;

an instruction unit adapted to issue a delete instruction to any one of the plurality of printing apparatuses to delete the font name unit font data in accordance with the deletion combination selected by said selection unit; and

a second selection unit adapted to select a download combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to by said reference unit, wherein said font registration unit issues a download instruction to any one of the plurality of printing apparatuses to download the font name unit font data in accordance with the selected download combination.

32. (Previously presented) A print system comprising a plurality of printing apparatuses and a host computer that communicates via a network, in which system font data by a font name unit from said host computer is registered in said printing apparatuses, and said printing apparatuses perform a printing process using the registered font name unit font data,

wherein said host computer comprises:

a reference unit adapted to refer to font registration information that includes information specifying at least one font registered in each of said plurality of printing apparatuses;

a font registration unit adapted to download the font name unit font data to any one of said plurality of printing apparatuses for registration;

a management unit adapted to retain the font registration information irrespective of a timing for executing the printing process, indicating the font name unit font data downloaded to each of the plurality of printing apparatuses by the font registration unit;

a selection unit adapted to select a deletion combination of any one of said plurality of printing apparatuses and a font name, based on the font registration information referred to by said reference unit;

an instruction unit adapted to issue a delete instruction to any one of said plurality of printing apparatuses to delete the font name unit font data in accordance with the deletion combination selected by said selection unit; and

a second selection unit adapted to select a download combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to by said reference unit, wherein said font registration unit issues a download instruction to any one of the plurality of printing apparatuses to download the font name unit font data in accordance with the selected download combination.

33. (Currently amended) A management method of a host computer that communicates with a plurality of printing apparatuses via a network, said method comprising:

a reference step of referring to font registration information that includes information specifying at least one font registered in each of the plurality of printing apparatuses;

a font registration step of downloading font data by a font name unit to any one of the plurality of printing apparatuses for registration;

a management step, performed by a management unit, of retaining the font registration information irrespective of a timing for executing a printing process, indicating the font name unit font data downloaded to each of the plurality of printing apparatuses in said font registration step;

a selection step of selecting a deletion combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to by in said reference step;

an instruction step of issuing a delete instruction to any one of the plurality of printing apparatuses to delete the font name unit font data in accordance with the deletion combination selected in said selection step; and

a second selection step of selecting a download combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to in said reference step, wherein said font registration step issues a download instruction to any one of the plurality of printing apparatuses to download the font name unit font data in accordance with the selected download combination.

34. (Canceled)

35. (Previously presented) A method according to Claim 33, further comprising a second selection step of selecting a download combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to in said reference step, wherein said font registration step issues a download instruction to any one of the plurality of printing apparatuses to download the font name unit font data in accordance with the selected download combination.

36. to 38. (Canceled)

39. (Previously presented) A method according to Claim 33, wherein the font registration information includes information that indicates a printer name and a font name.

40. (Previously presented) A management method of a host computer that communicates with a management apparatus, which manages fonts, and a plurality of printing apparatuses via a network, said method comprising:

a reference step of referring to font registration information that includes information specifying at least one font registered in each of the plurality of printing apparatuses, wherein the font registration information is retained in the management apparatus;

a font registration step of downloading font data by a font name unit to any one of the plurality of printing apparatuses for registration;

a transmission step of transmitting font registration information, indicating the font name unit font data downloaded to each of the plurality of printing apparatuses in said font registration step, to the management apparatus so as to update the font registration information retained, irrespective of a timing for executing a printing process, in the management apparatus;

a selection step of selecting a deletion combination of any one of said plurality of printing apparatuses and a font name, based on the font registration information retained in said transmission step;

an instruction step of issuing a delete instruction to any one of the plurality of printing apparatuses to delete the font name unit font data in accordance with the selected deletion combination selected in said selection step; and

a second selection step of selecting a download combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to in said reference step, wherein said font registration step issues a

download instruction to any one of the plurality of printing apparatuses to download the font name unit font data in accordance with the selected download combination.

41. (Previously presented) A management method of a print system that includes a plurality of printing apparatuses and a host computer that communicates via a network, in which system font data by a font name unit from the host computer is registered in the printing apparatuses, and the printing apparatuses perform a printing process using the registered font name unit font data, said method comprising, at the host computer:

a reference step of referring to font registration information that includes information specifying at least one font registered in each of the plurality of printing apparatuses;

a font registration step of downloading the font name unit font data to the plurality of printing apparatuses for registration;

a management step of retaining the font registration information irrespective of a timing for executing the printing process, indicating the font name unit font data downloaded to each of the plurality of printing apparatuses in said font registration step;

a selection step of selecting a deletion combination of any one of said plurality of printing apparatuses and a font name, based on the font registration information referred to in said reference step;

an instruction step of issuing a delete instruction to any one of the plurality of printing apparatuses to delete the font name unit font data in accordance with the deletion combination selected in said selection step; and

a second selection step of selecting a download combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to in said reference step, wherein said font registration step issues a download instruction to any one of the plurality of printing apparatuses to download the font name unit font data in accordance with the selected download combination.

42. to 50. (Canceled)

51. (Currently amended) A computer-executable program stored on a computer-readable medium, the computer-executable program for implementing a management method of a host computer that communicates with a plurality of printing apparatuses via a network, said computer program comprising:

code for a reference step of referring to font registration information that includes information specifying at least one font registered in each of the plurality of printing apparatuses;

code for a font registration step of downloading font data by a font name unit to the plurality of printing apparatuses for registration;

code for a management step, performed by a management unit, of retaining the font registration information and manage registration information irrespective of a timing for executing a printing process, indicating the font name unit font data downloaded to each of the plurality of printing apparatuses by said code for a font registration step;

code for a selection step of selecting a deletion combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to in said reference step;

code for an instruction step of issuing a delete instruction to any one of the plurality of printing apparatuses to delete the font name unit font data in accordance with the deletion combination selected by said selection step; and

code for a second selection step of selecting a download combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to in said reference step, wherein said font registration step issues a download instruction to any one of the plurality of printing apparatuses to download the font name unit font data in accordance with the selected download combination.

52. to 56. (Canceled)

57. (Previously presented) A computer program product according to Claim 51, wherein the font registration information includes information that indicates a printer name and a font name.

58. (Previously presented) A computer-executable program stored on a computer-readable medium, the computer-executable program for implementing a management method of a host computer that communicates with a management apparatus, which manages fonts, and a plurality of printing apparatuses via a network, said computer program comprising:

code for a reference step of referring to font registration information that includes information specifying at least one font registered in each of the plurality of printing apparatuses, wherein the font registration information is retained in the management apparatus;

code for a font registration step of downloading font data by a font name unit to any one of the plurality of printing apparatuses for registration;

code for a transmission step of transmitting registration information, indicating the font name unit font data downloaded to each of the plurality of printing apparatuses by said code for a font registration step, to the management apparatus so as to update the font registration information retained, irrespective of a timing for executing a printing process, in the management apparatus;

code for a selection step of selecting a deletion combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to by in said reference step;

code for an instruction step of issuing a delete instruction to any one of the plurality of printing apparatuses to delete the font name unit font data in accordance with the deletion combination selected in said selection step; and

code for a second selection step of selecting a download combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to in said reference step, wherein said font registration step issues a download instruction to any one of the plurality of printing apparatuses to download the font name unit font data in accordance with the selected download combination.

59. (Previously presented) A computer-executable program stored on a computer-readable medium, the computer-executable program for implementing a management method of a print system that includes a plurality of printing apparatuses and a host computer that communicates via a network, in which system font data by a font name unit from the host computer is registered in the printing apparatuses, and the printing apparatuses perform a printing process using the registered font name unit font data, said computer program comprising, at the host computer:

code for a reference step of referring to font registration information that includes information specifying at least one font registered in each of the plurality of printing apparatuses;

code for a font registration step of downloading the font name unit font data to the plurality of printing apparatuses for registration;

code for a management step of retaining the font registration information irrespective of a timing for execution of the printing process, indicating the font name unit font data downloaded to each of the plurality of printing apparatuses by said code for a font registration step;

code for a selection step of selecting a deletion combination of any one of said plurality of printing apparatuses and a font name, based on the font registration information referred to in said reference step;

code for an instruction step of issuing a delete instruction to any one of the plurality of printing apparatuses to delete the font name unit font data in accordance with the deletion combination selected in said selection step; and

code for a second selection step of selecting a download combination of any one of the plurality of printing apparatuses and a font name, based on the font registration information referred to in said reference step, wherein said font registration step issues a download instruction to any one of the plurality of printing apparatuses to download the font name unit font data in accordance with the selected download combination.

CONCLUSION

Applicant's undersigned attorney may be reached in our Costa Mesa, CA office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



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